



## RAW SEQUENCE LISTING ERROR REPORT

#11

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/424,482A

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Source: 1627

APR 10 2001

Date Processed by STIC: 3-30-01

TECH CENTER 1600/2900

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

### Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be downloaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

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1627

1. Wkssendorf  
RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/424,482A

DATE: 03/30/2001  
TIME: 10:39:12

Input Set : A:\09424482.txt  
Output Set: N:\CRF3\03302001\I424482A.raw

Does Not Comply  
Corrected Diskette Needed

3 <110> APPLICANT: Medical Research Council  
4 Choo, Yen  
5 Klug, Aaron  
6 Isalan, Mark  
8 <120> TITLE OF INVENTION: Nucleic Acid Binding Polypeptide Library  
10 <130> FILE REFERENCE: 71278/264974  
12 <140> CURRENT APPLICATION NUMBER: US 09/424,482A  
C--> 13 <141> CURRENT FILING DATE: 2000-02-29  
15 <150> PRIOR APPLICATION NUMBER: GB9710809.6  
16 <151> PRIOR FILING DATE: 1997-05-23  
18 <150> PRIOR APPLICATION NUMBER: PCT/GB98/01510  
19 <151> PRIOR FILING DATE: 1998-05-25  
21 <160> NUMBER OF SEQ ID NOS: 19  
23 <170> SOFTWARE: PatentIn version 3.0  
25 <210> SEQ ID NO: 1  
26 <211> LENGTH: 9  
27 <212> TYPE: DNA  
28 <213> ORGANISM: Artificial  
30 <220> FEATURE:  
31 <223> OTHER INFORMATION: Description of Artificial Sequence: LIB-A DNA sorting  
32 sequence  
34 <220> FEATURE:  
35 <221> NAME/KEY: variation  
36 <222> LOCATION: (2)..(4)  
37 <223> OTHER INFORMATION: n is any nucleotide  
40 <400> SEQUENCE: 1

W--> 41 gnnncggcg  
44 <210> SEQ ID NO: 2  
45 <211> LENGTH: 9  
46 <212> TYPE: DNA  
47 <213> ORGANISM: Artificial  
49 <220> FEATURE:  
50 <223> OTHER INFORMATION: Description of Artificial Sequence: LIB-B DNA sorting  
51 sequence  
53 <220> FEATURE:  
54 <221> NAME/KEY: variation  
55 <222> LOCATION: (3)..(4)  
56 <223> OTHER INFORMATION: n is any other nucleotide  
59 <400> SEQUENCE: 2

W--> 60 gcnnncggcg  
63 <210> SEQ ID NO: 3  
64 <211> LENGTH: 9  
65 <212> TYPE: DNA  
66 <213> ORGANISM: Artificial  
68 <220> FEATURE:  
69 <223> OTHER INFORMATION: Description of Artificial DNA: LIB 1/2 sorting sequence  
71 <220> FEATURE:

As per section 1.823  
of the new sequence rules,  
<213> response must be  
"artificial sequence" in its  
entirety.

Please note that all sequences  
in the listing are erred in  
this manner. Please review  
and correct. 9

RAW SEQUENCE LISTING DATE: 03/30/2001  
PATENT APPLICATION: US/09/424,482A TIME: 10:39:12

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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/424,482A

DATE: 03/30/2001

TIME: 10:39:12

Input Set : A:\09424482.txt

Output Set: N:\CRF3\03302001\I424482A.raw

146 1                5                10                15  
W--> 148 Xaa Xaa Xaa Xaa Xaa His Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
149                20                25                30  
151 <210> SEQ ID NO: 5  
152 <211> LENGTH: 24  
153 <212> TYPE: PRT  
154 <213> ORGANISM: Artificial  
156 <220> FEATURE:  
157 <223> OTHER INFORMATION: Description of Artificial Sequence: Structure B  
159 <220> FEATURE:  
160 <221> NAME/KEY: SITE  
161 <222> LOCATION: (1)..(1)  
162 <223> OTHER INFORMATION: Xaa is any amino acid  
165 <220> FEATURE:  
166 <221> NAME/KEY: SITE  
167 <222> LOCATION: (3)..(6)  
168 <223> OTHER INFORMATION: Xaa is any amino acid  
171 <220> FEATURE:  
172 <221> NAME/KEY: SITE  
173 <222> LOCATION: (8)..(10)  
174 <223> OTHER INFORMATION: Xaa is any amino acid  
177 <220> FEATURE:  
178 <221> NAME/KEY: SITE  
179 <222> LOCATION: (12)..(16)  
180 <223> OTHER INFORMATION: Xaa is any amino acid  
183 <220> FEATURE:  
184 <221> NAME/KEY: SITE  
185 <222> LOCATION: (18)..(19)  
186 <223> OTHER INFORMATION: Xaa is any amino acid  
189 <220> FEATURE:  
190 <221> NAME/KEY: SITE  
191 <222> LOCATION: (21)..(23)  
192 <223> OTHER INFORMATION: Xaa is any amino acid  
195 <220> FEATURE:  
196 <221> NAME/KEY: VARIANT  
197 <222> LOCATION: (3)..(6)  
198 <223> OTHER INFORMATION: 0-2 residues may be missing  
201 <220> FEATURE:  
202 <221> NAME/KEY: VARIANT  
203 <222> LOCATION: (8)..(10)  
204 <223> OTHER INFORMATION: 0-1 residue may be missing  
207 <400> SEQUENCE: 5  
W--> 209 Xaa Cys Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Phe Xaa Xaa Xaa Xaa Xaa  
210 1                5                10                15  
W--> 212 Leu Xaa Xaa His Xaa Xaa Xaa Xaa His  
213                20  
215 <210> SEQ ID NO: 6  
216 <211> LENGTH: 4  
217 <212> TYPE: PRT

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/424,482A

DATE: 03/30/2001

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Input Set : A:\09424482.txt

Output Set: N:\CRF3\03302001\I424482A.raw

218 <213> ORGANISM: Artificial  
220 <220> FEATURE:  
221 <223> OTHER INFORMATION: Description of Artificial Sequence: Linker  
223 <400> SEQUENCE: 6  
225 Thr Gly Glu Lys  
226 1  
228 <210> SEQ ID NO: 7  
229 <211> LENGTH: 5  
230 <212> TYPE: PRT  
231 <213> ORGANISM: Artificial  
233 <220> FEATURE:  
234 <223> OTHER INFORMATION: Description of Artificial Sequence: Linker  
236 <400> SEQUENCE: 7  
238 Thr Gly Glu Lys Pro  
239 1 5  
241 <210> SEQ ID NO: 8  
242 <211> LENGTH: 26  
243 <212> TYPE: PRT  
244 <213> ORGANISM: Artificial  
246 <220> FEATURE:  
247 <223> OTHER INFORMATION: Description of Artificial Sequence: Consensus structure  
249 <400> SEQUENCE: 8  
251 Pro Tyr Lys Cys Pro Glu Cys Gly Lys Ser Phe Ser Gln Lys Ser Asp  
252 1 5 10 15  
254 Leu Val Lys His Gln Arg Thr His Thr Gly  
255 20 25  
257 <210> SEQ ID NO: 9  
258 <211> LENGTH: 29  
259 <212> TYPE: PRT  
260 <213> ORGANISM: Artificial  
262 <220> FEATURE:  
263 <223> OTHER INFORMATION: Description of Artificial Sequence: Consensus structure  
265 <400> SEQUENCE: 9  
267 Pro Tyr Lys Cys Ser Glu Cys Gly Lys Ala Phe Ser Gln Lys Ser Asn  
268 1 5 10 15  
270 Leu Thr Arg His Gln Arg Ile His Thr Gly Glu Lys Pro  
271 20 25  
273 <210> SEQ ID NO: 10  
274 <211> LENGTH: 6  
275 <212> TYPE: PRT  
276 <213> ORGANISM: Artificial  
278 <220> FEATURE:  
279 <223> OTHER INFORMATION: Description of Artificial Sequence: Leader peptide  
281 <400> SEQUENCE: 10  
283 Met Ala Glu Glu Lys Pro  
284 1 5  
286 <210> SEQ ID NO: 11  
287 <211> LENGTH: 9  
288 <212> TYPE: DNA

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/424,482A

DATE: 03/30/2001  
TIME: 10:39:12

Input Set : A:\09424482.txt  
Output Set: N:\CRF3\03302001\I424482A.raw

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289 <213> ORGANISM: Artificial
291 <220> FEATURE:
292 <223> OTHER INFORMATION: Description of Artificial DNA: LIB 2/3 DNA sorting sequence
294 <220> FEATURE:
295 <221> NAME/KEY: variation
296 <222> LOCATION: (1)..(5)
297 <223> OTHER INFORMATION: n is any nucleotide
300 <400> SEQUENCE: 11
W--> 301 nnnnnngcgcg 9
304 <210> SEQ ID NO: 12
305 <211> LENGTH: 9
306 <212> TYPE: DNA
307 <213> ORGANISM: Artificial
309 <220> FEATURE:
310 <223> OTHER INFORMATION: Description of Artificial Sequence: Zinc finger -DNA
311 interaction sequence
313 <400> SEQUENCE: 12
314 cggccacgcg 9
317 <210> SEQ ID NO: 13
318 <211> LENGTH: 9
319 <212> TYPE: DNA
320 <213> ORGANISM: Artificial
322 <220> FEATURE:
323 <223> OTHER INFORMATION: Description of Artificial Sequence: Zinc finger-DNA
324 interaction sequence
326 <400> SEQUENCE: 13
327 acgcccacgcg 9
330 <210> SEQ ID NO: 14
331 <211> LENGTH: 9
332 <212> TYPE: DNA
333 <213> ORGANISM: Artificial
335 <220> FEATURE:
336 <223> OTHER INFORMATION: Description of Artificial Sequence: Zinc finger-DNA
337 interaction sequence
339 <400> SEQUENCE: 14
340 gctgtggcg 9
343 <210> SEQ ID NO: 15
344 <211> LENGTH: 9
345 <212> TYPE: DNA
346 <213> ORGANISM: Artificial
348 <220> FEATURE:
349 <223> OTHER INFORMATION: Description of Artificial Sequence: Zinc finger-DNA
350 interaction library designed sequence
352 <220> FEATURE:
353 <221> NAME/KEY: variation
354 <222> LOCATION: (7)..(9)
355 <223> OTHER INFORMATION: n is any nucleotide
358 <400> SEQUENCE: 15
W--> 359 acgccgnnn 9

```

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY  
PATENT APPLICATION: US/09/424,482A

DATE: 03/30/2001  
TIME: 10:39:13

Input Set : A:\09424482.txt  
Output Set: N:\CRF3\03302001\I424482A.raw

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:41 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1  
L:60 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2  
L:78 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:145 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4  
L:148 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4  
L:209 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5  
L:212 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5  
L:301 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11  
L:359 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15  
L:404 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17  
L:429 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18  
L:451 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19